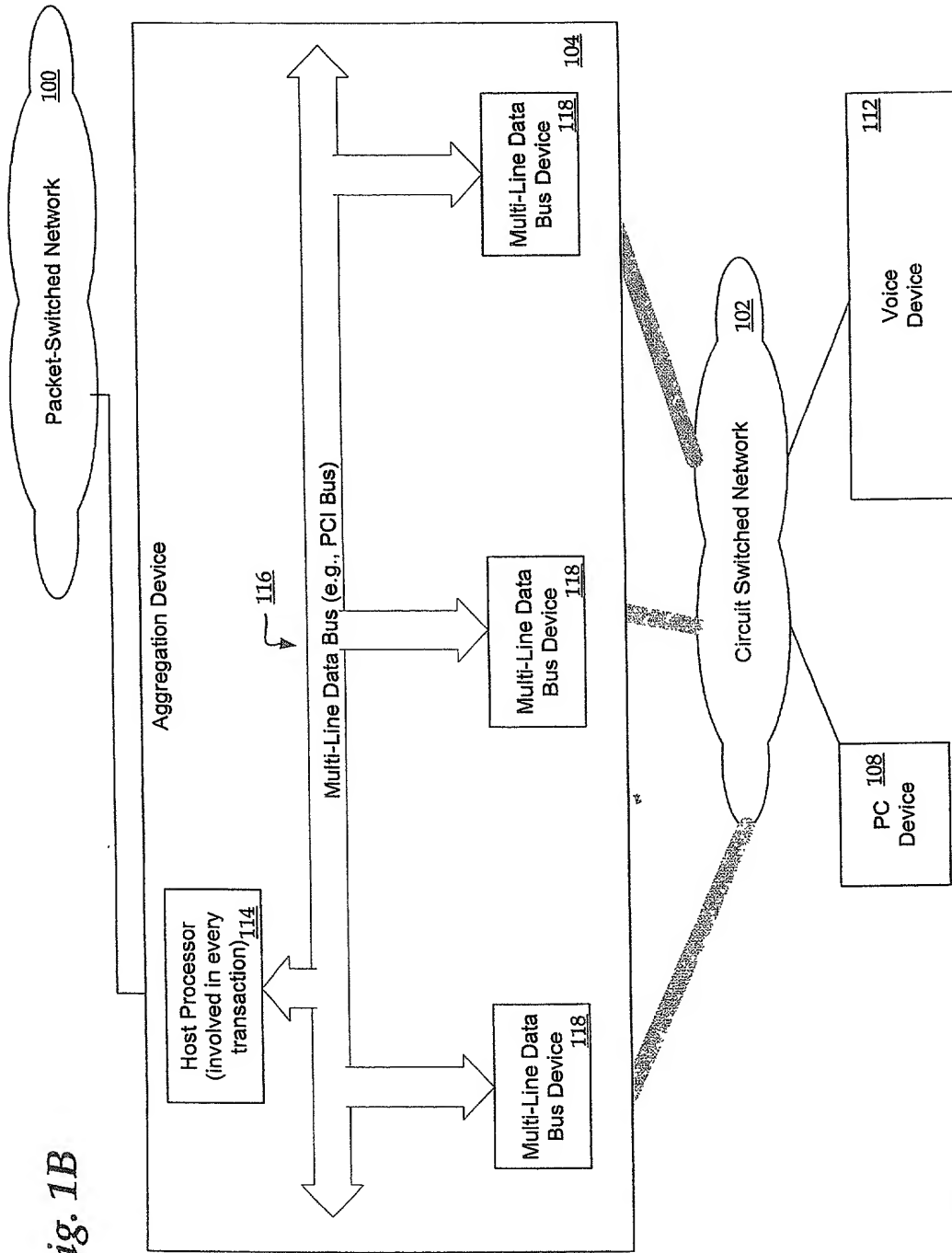


Fig. 1A

FIG. 1B is a block diagram of an aggregation device 100. The aggregation device 100 includes a host processor 114, a multi-line data bus 116, and three multi-line data bus devices 118. The host processor 114 is connected to the multi-line data bus 116. The multi-line data bus 116 is connected to the three multi-line data bus devices 118. The aggregation device 100 is connected to a packet-switched network 102. The packet-switched network 102 is connected to a circuit-switched network 104. The circuit-switched network 104 is connected to a PC 108 and a voice device 112.

Fig. 1B



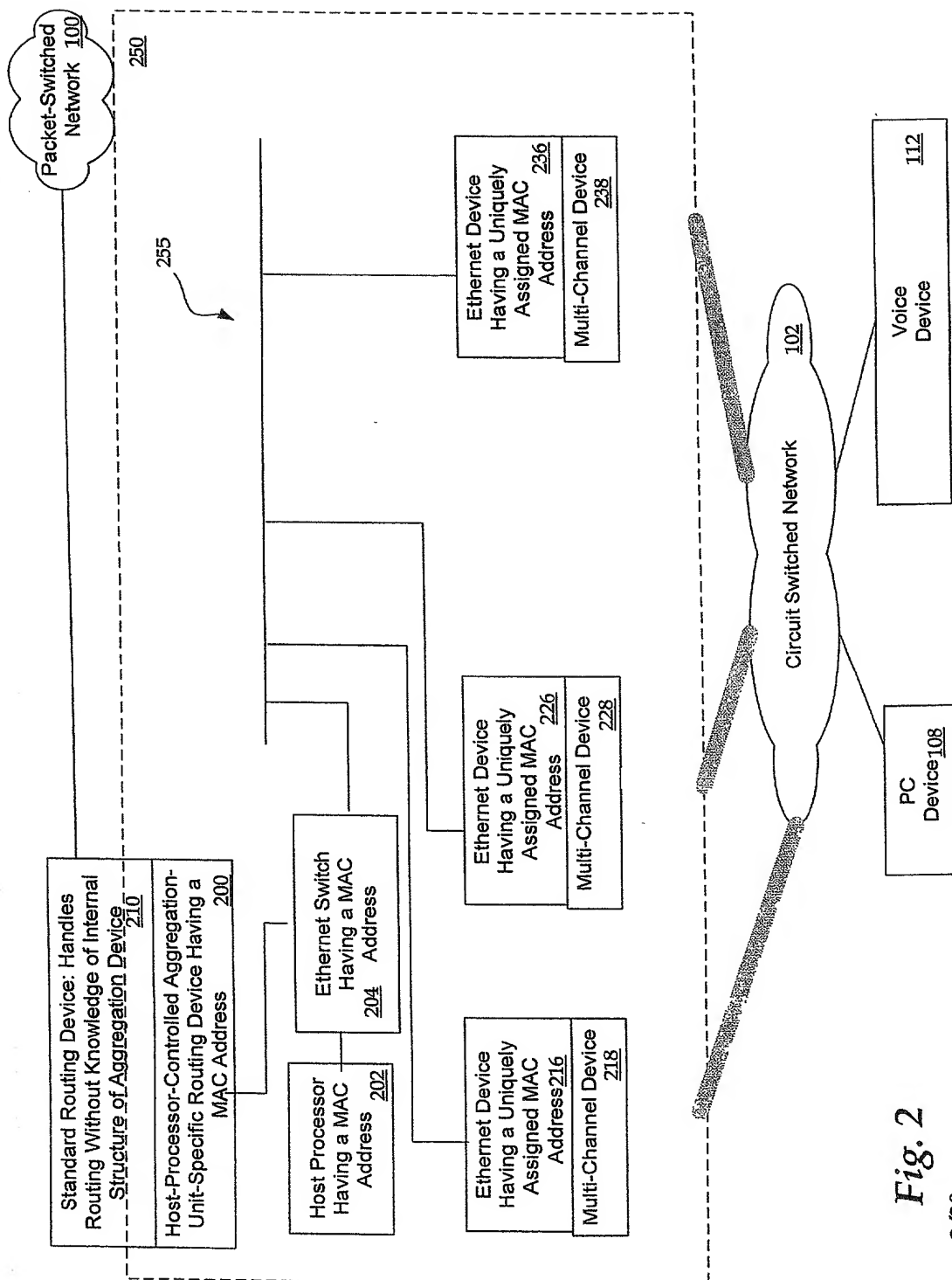
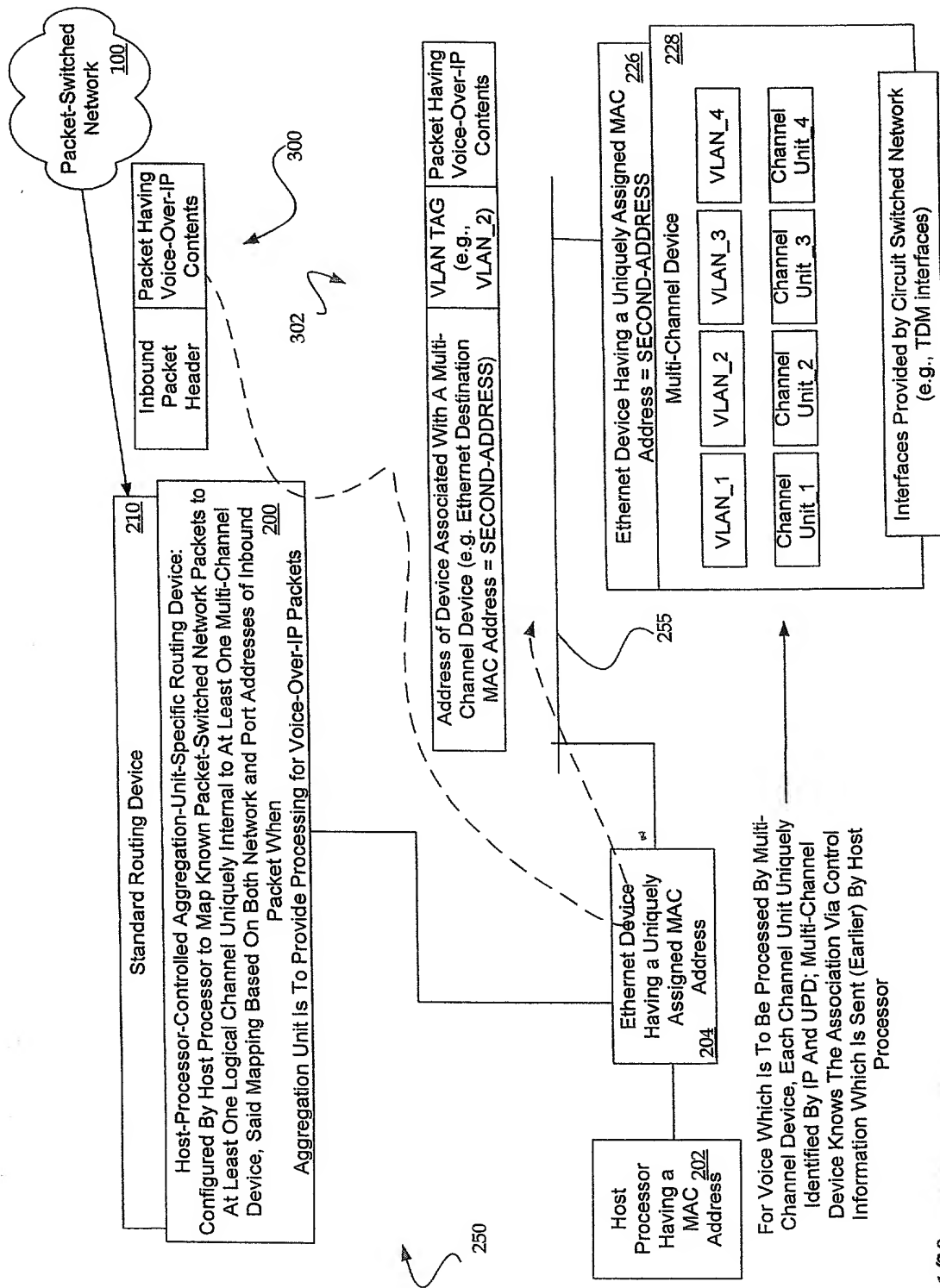


Fig. 2



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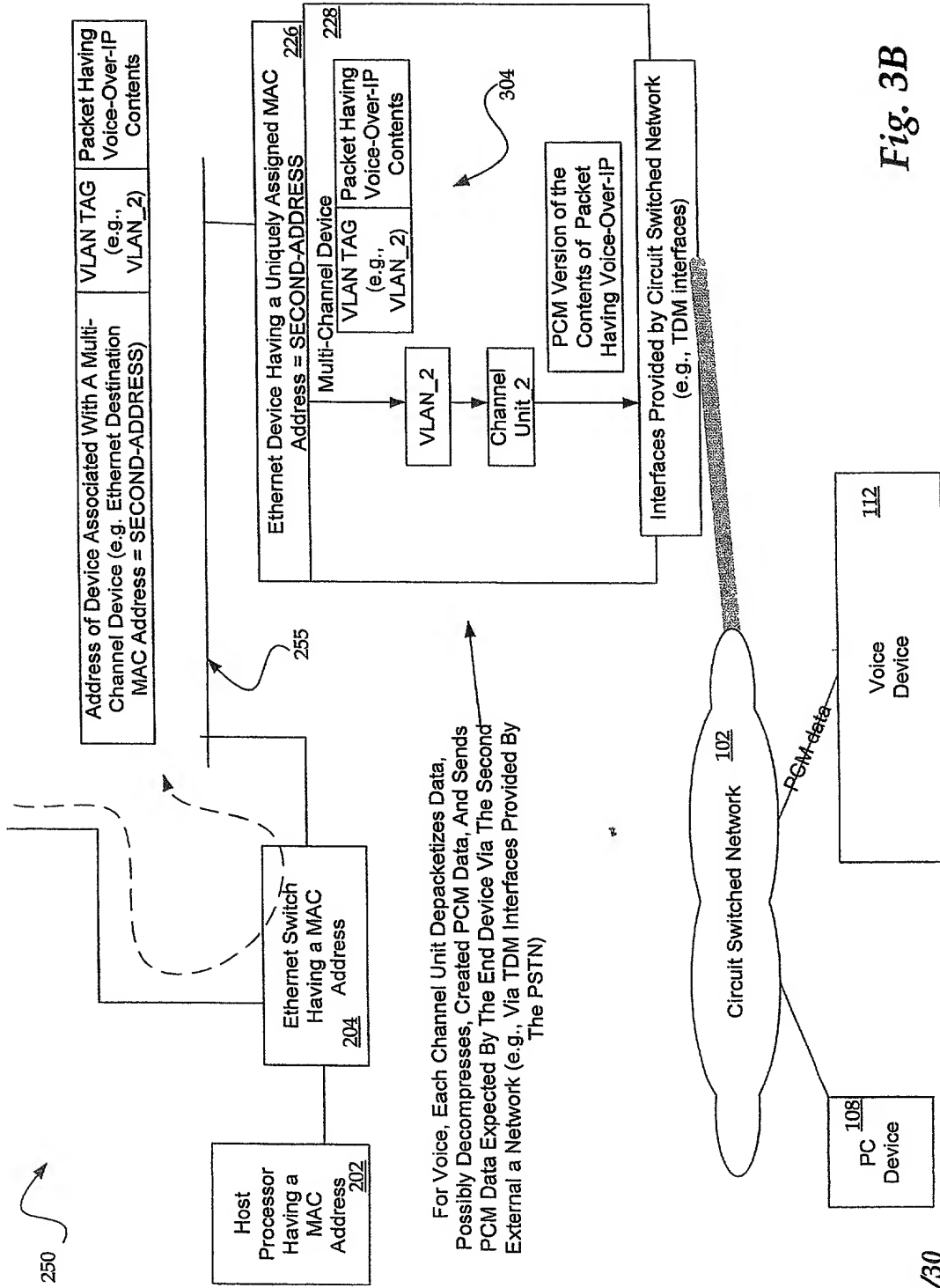


Fig. 3B

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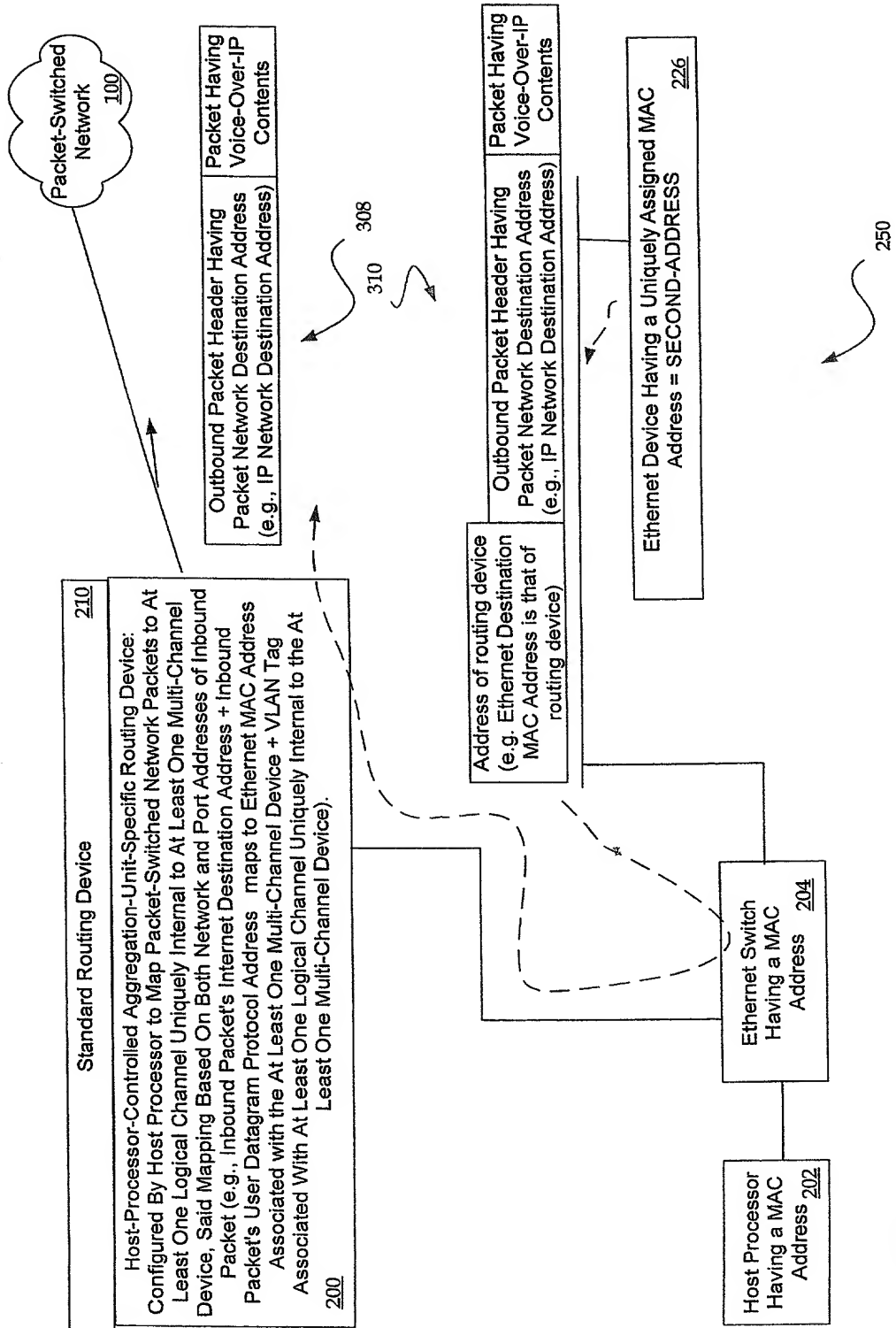


Fig. 3D

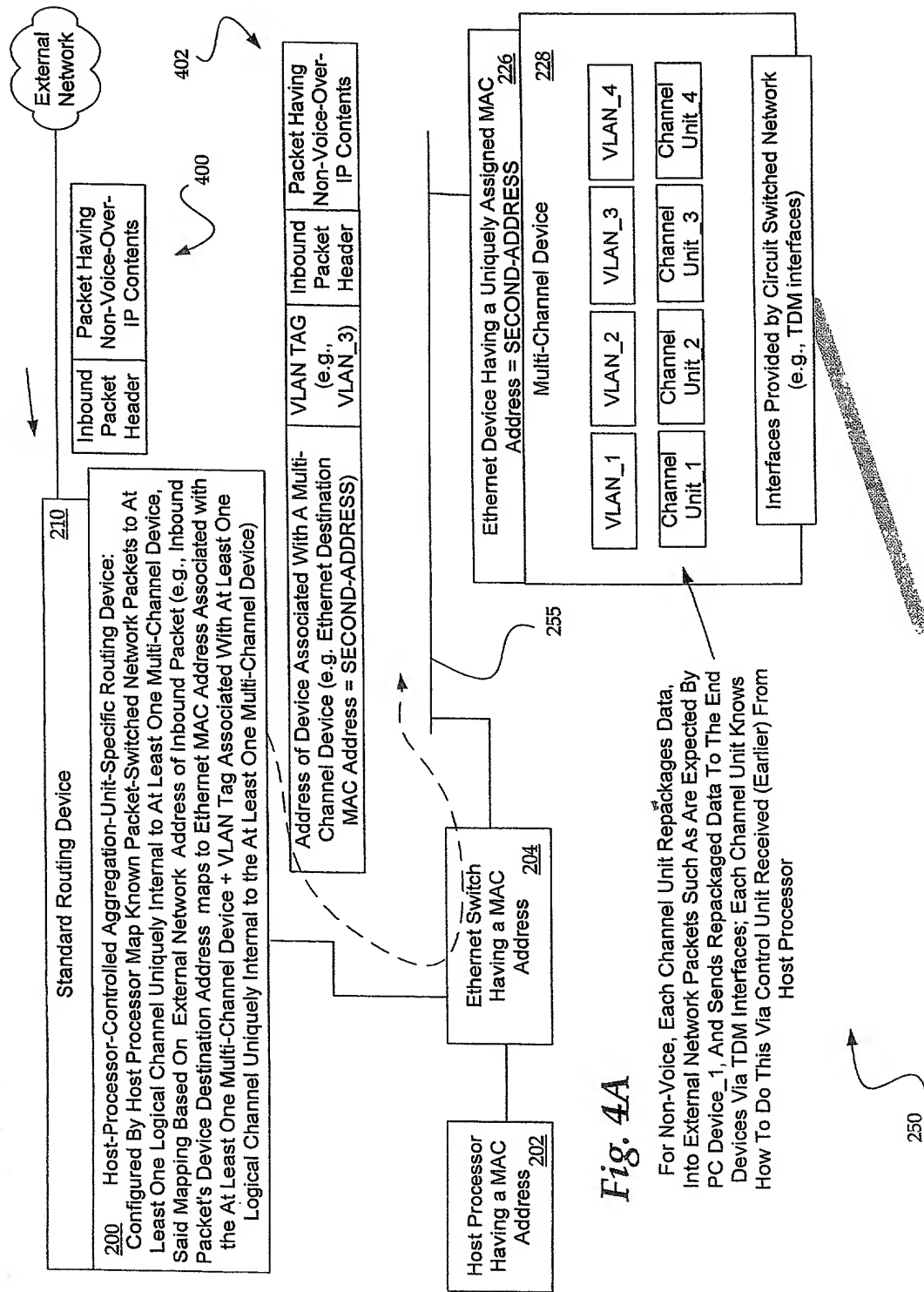
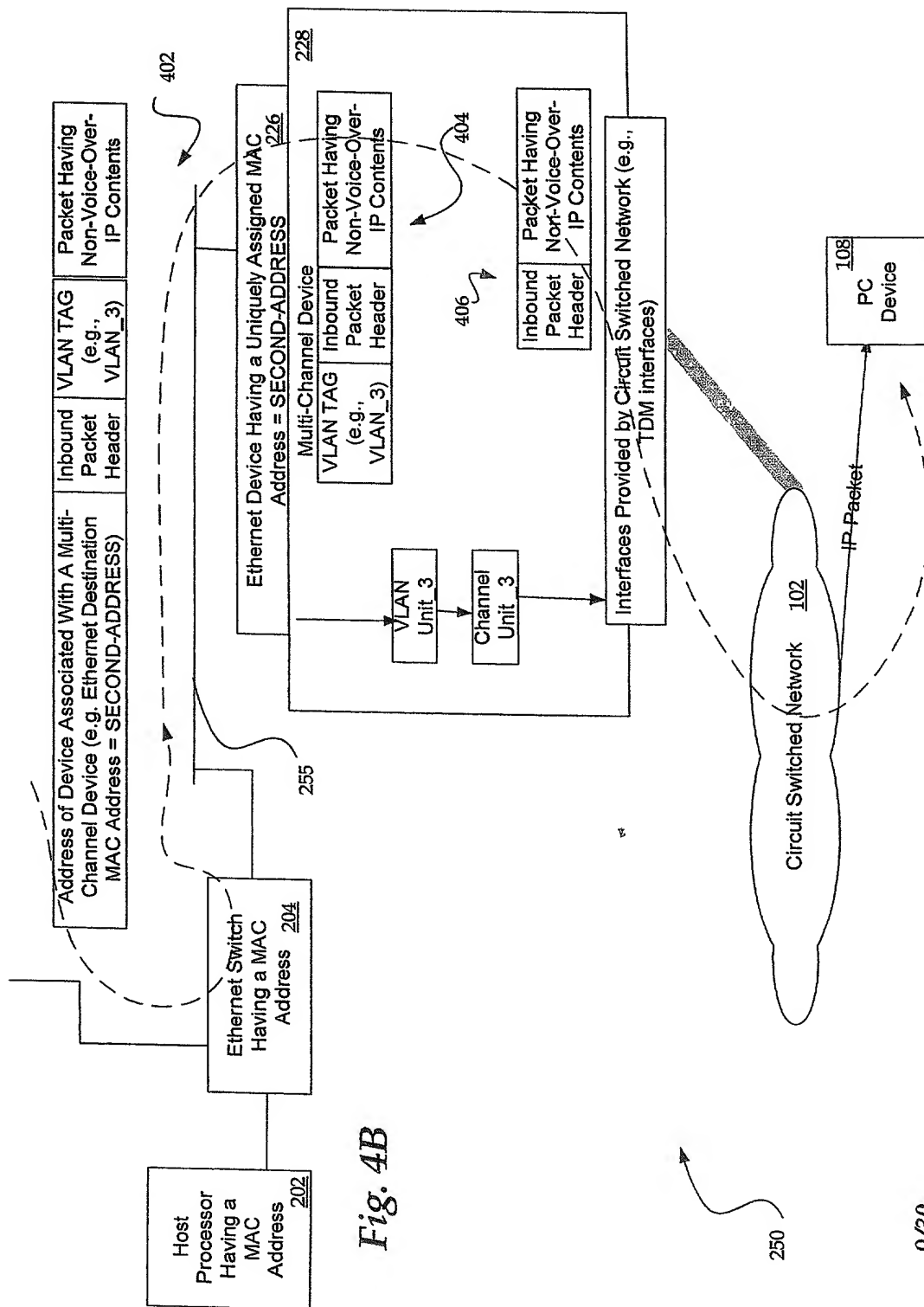


Fig. 4A



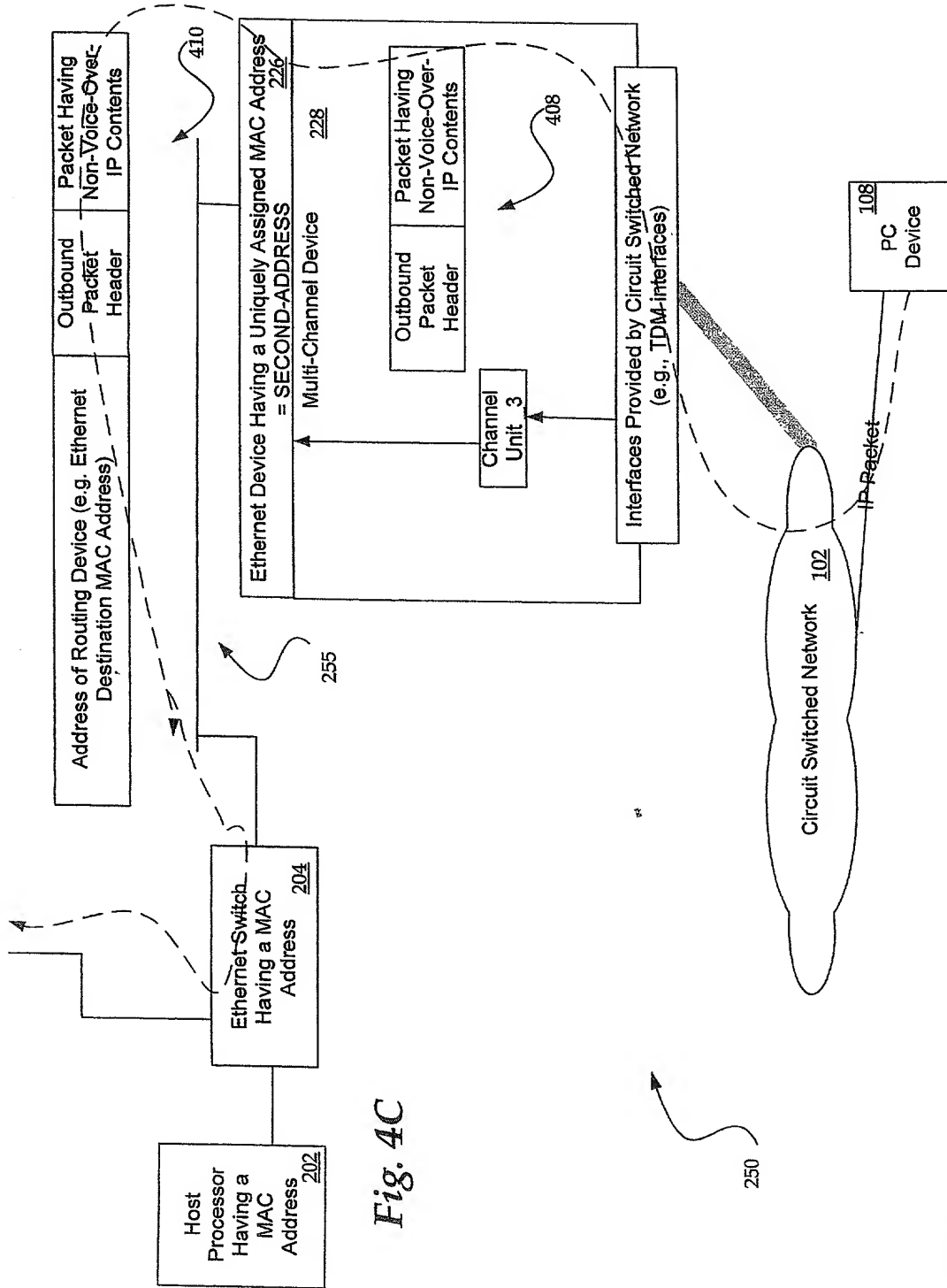
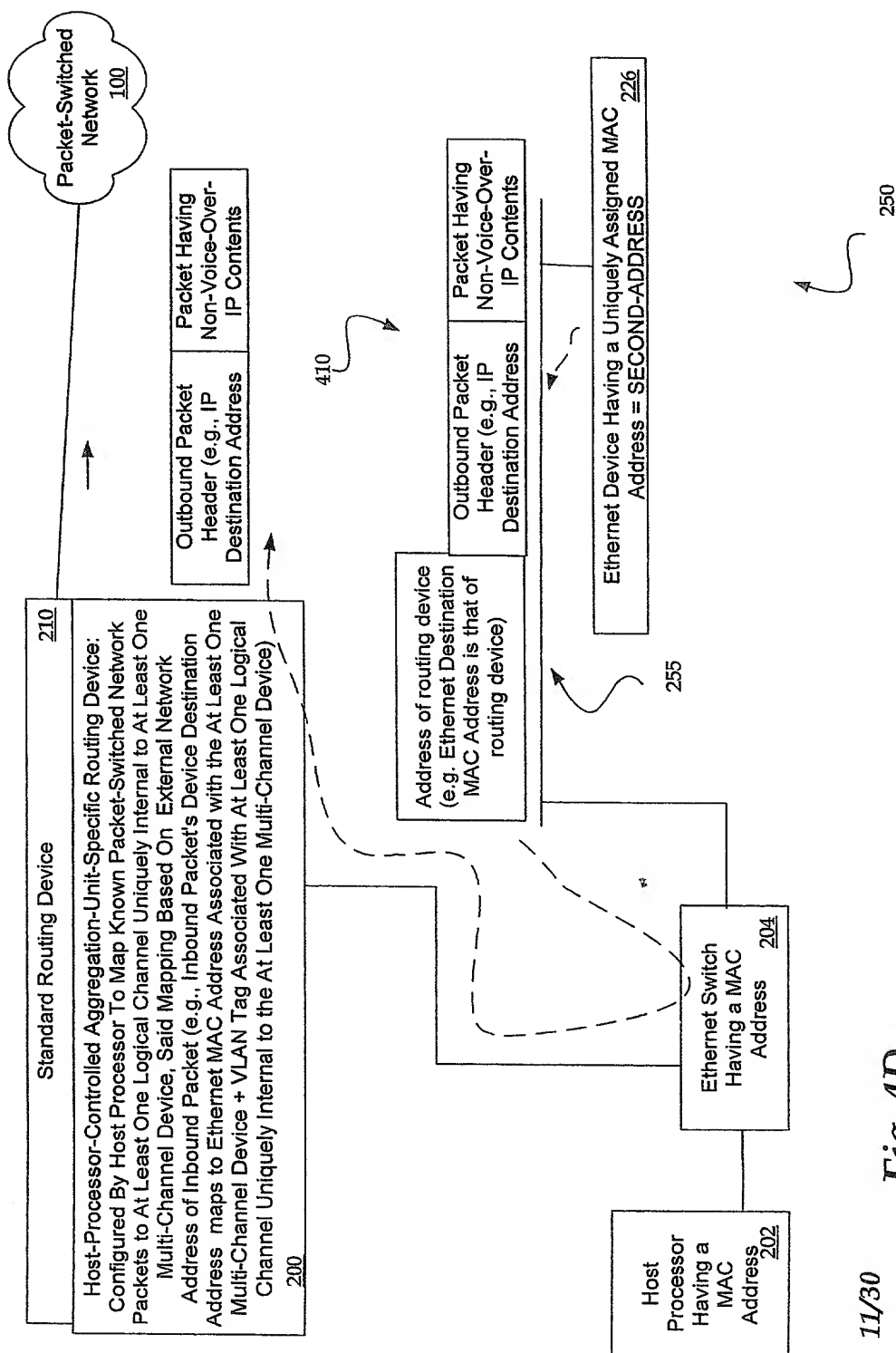


Fig. 4C



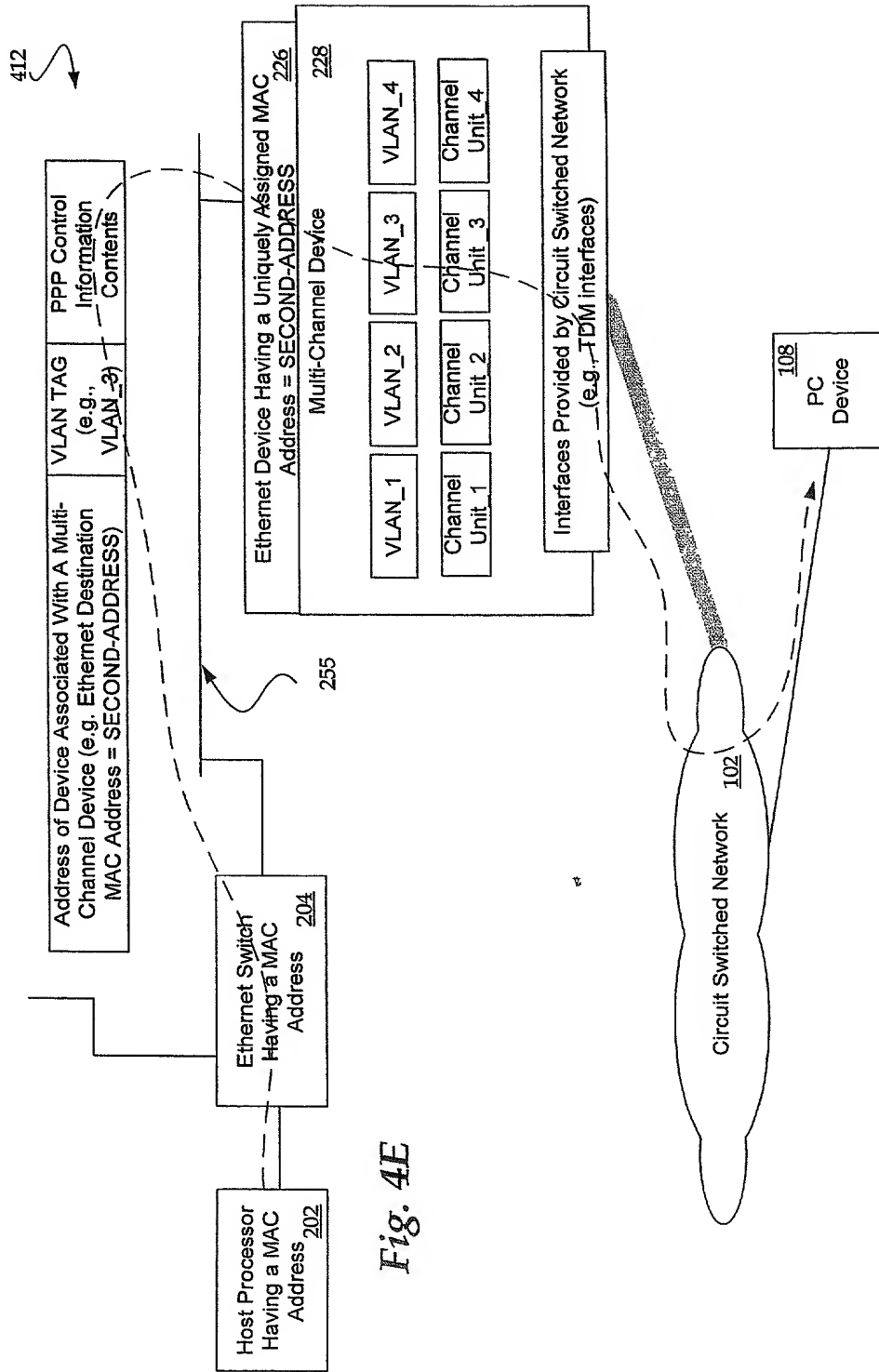


Fig. 4E

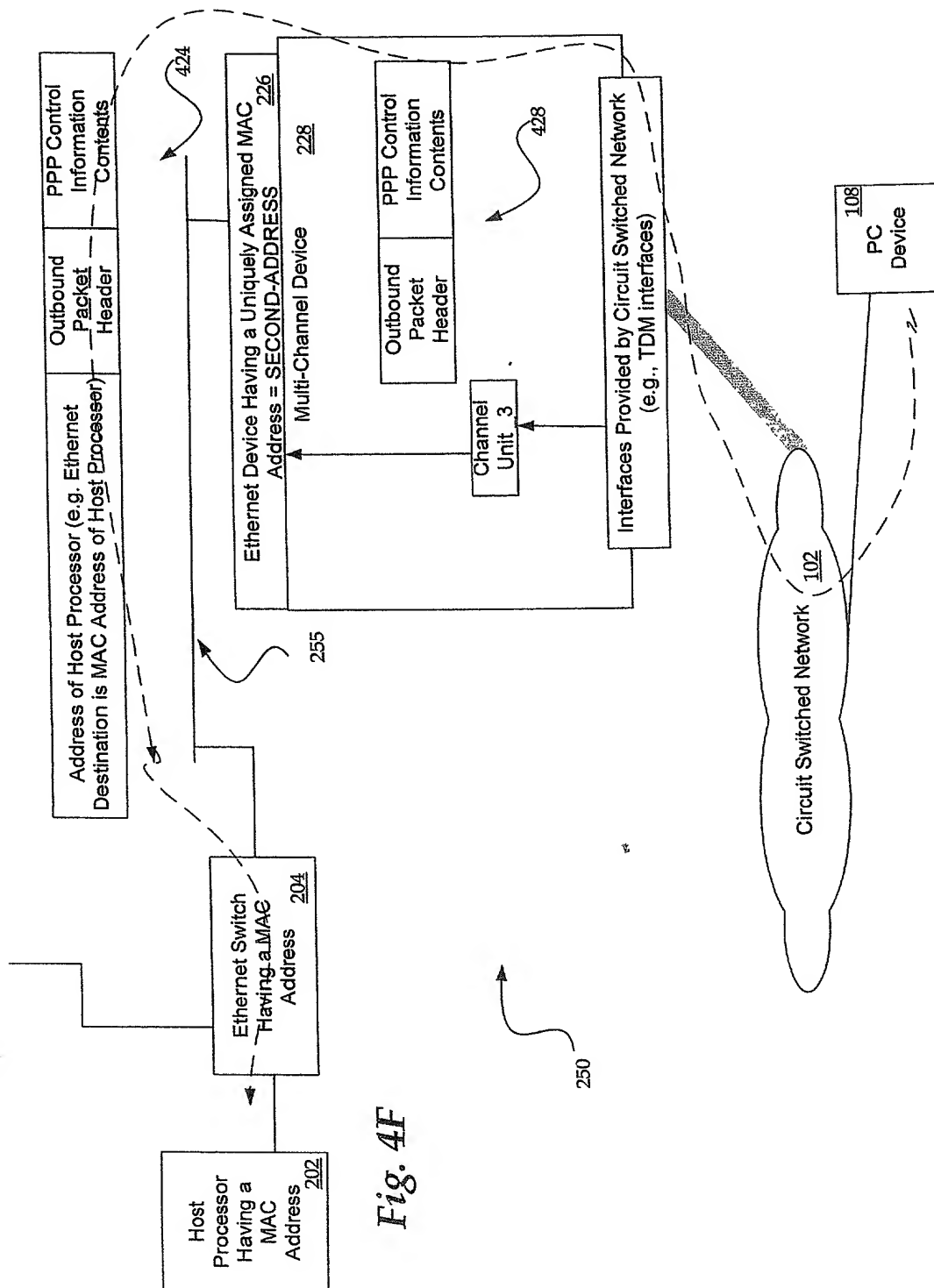


Fig. 4F

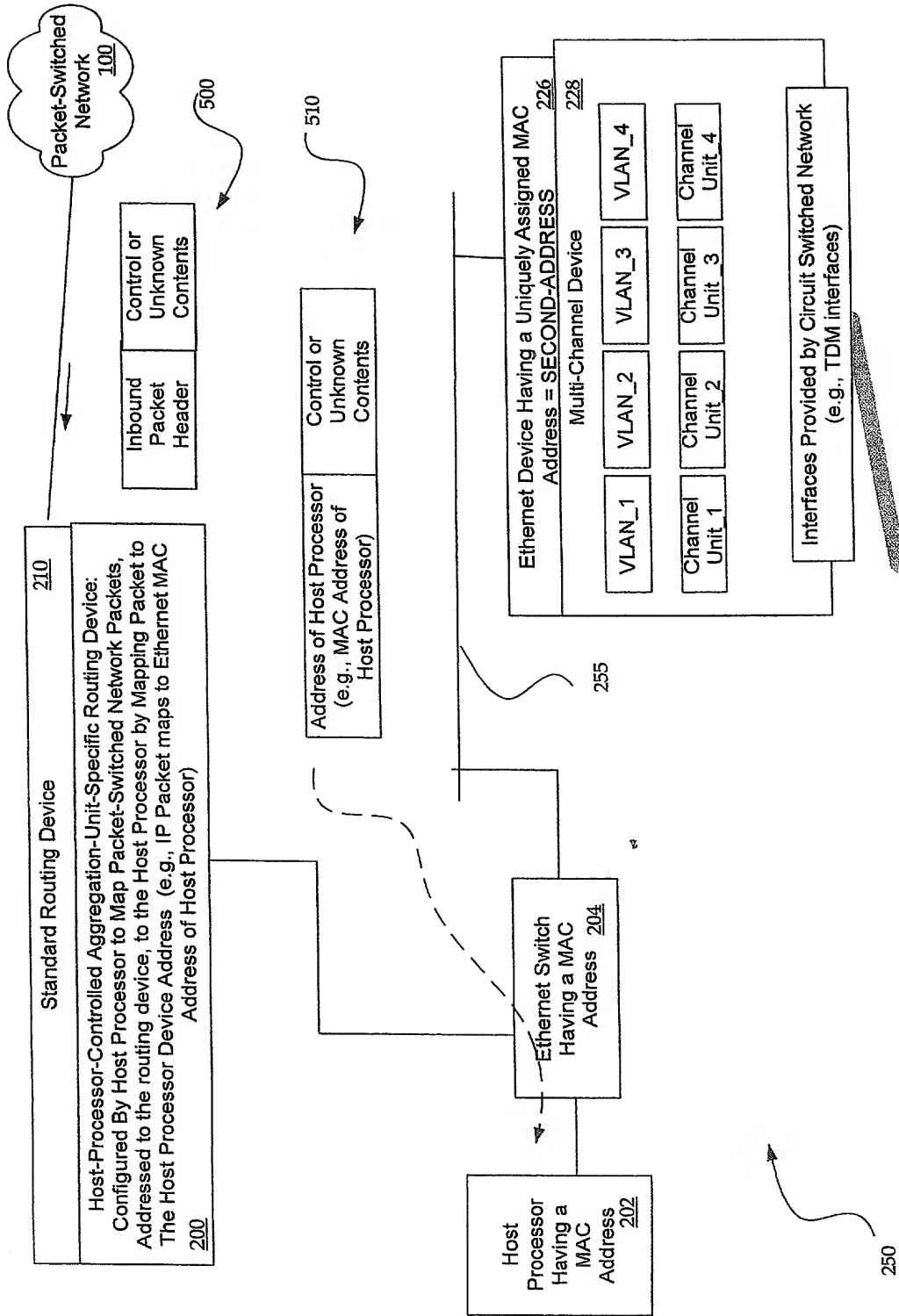


Fig. 5

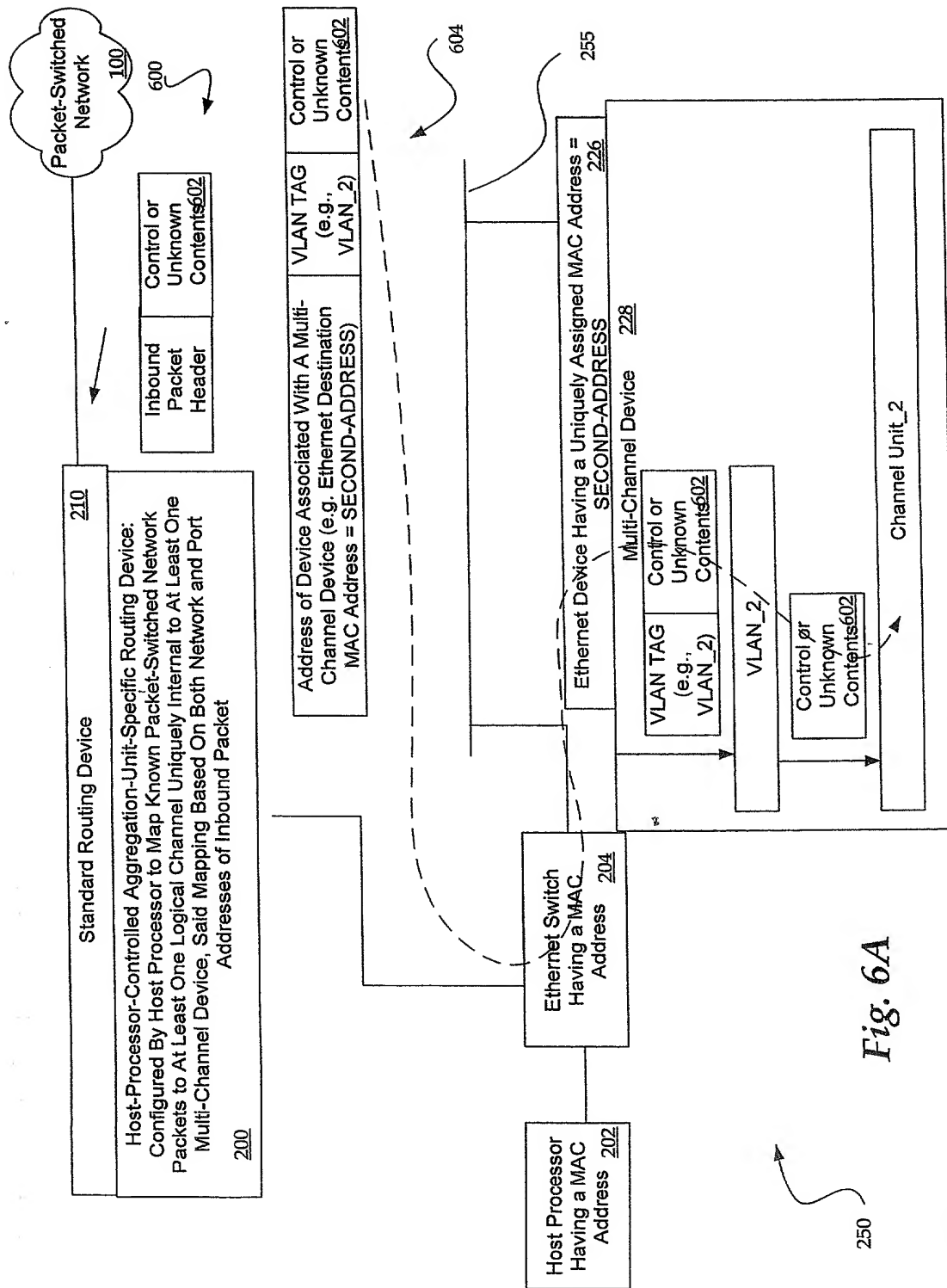


Fig. 6A

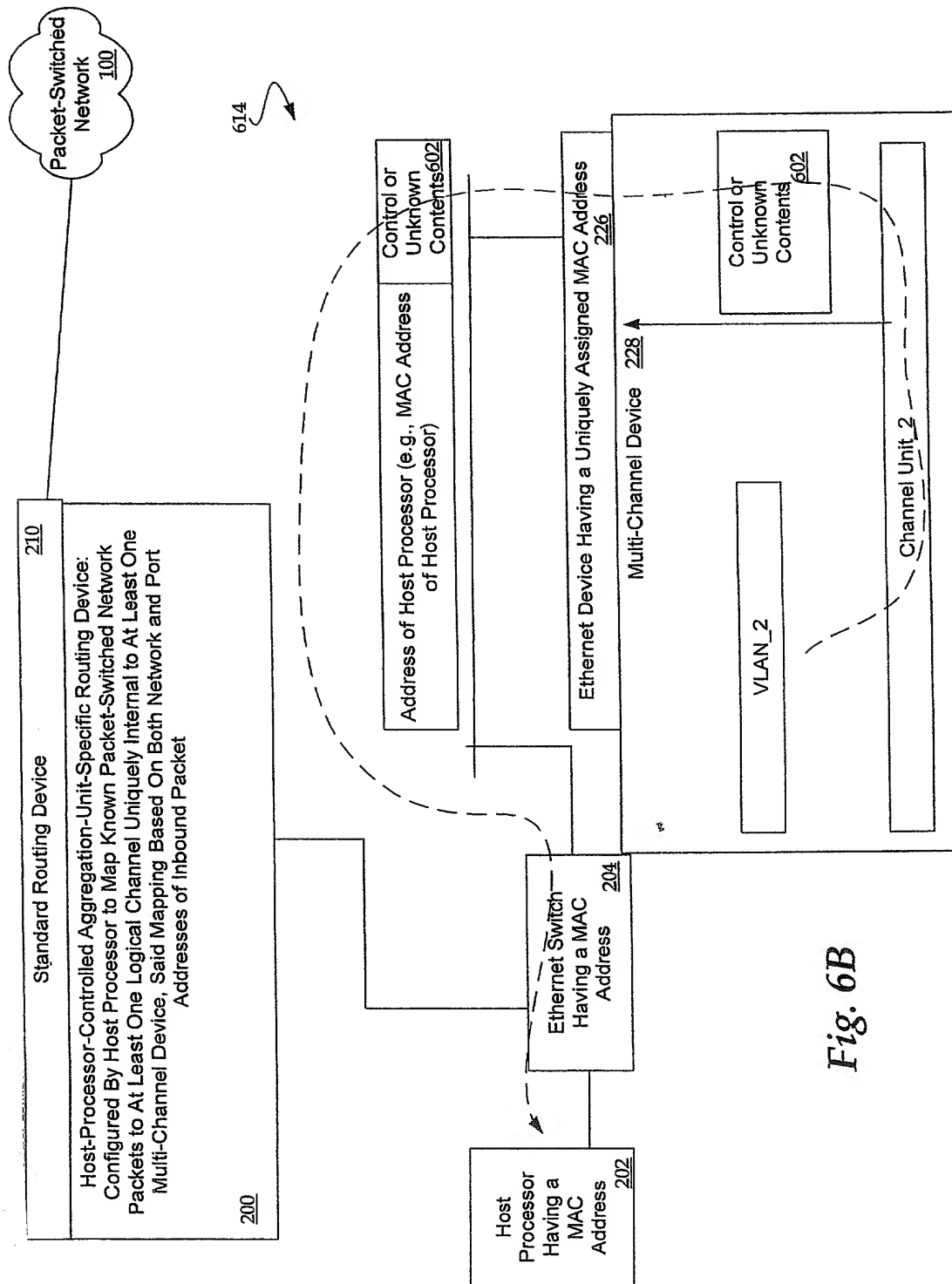
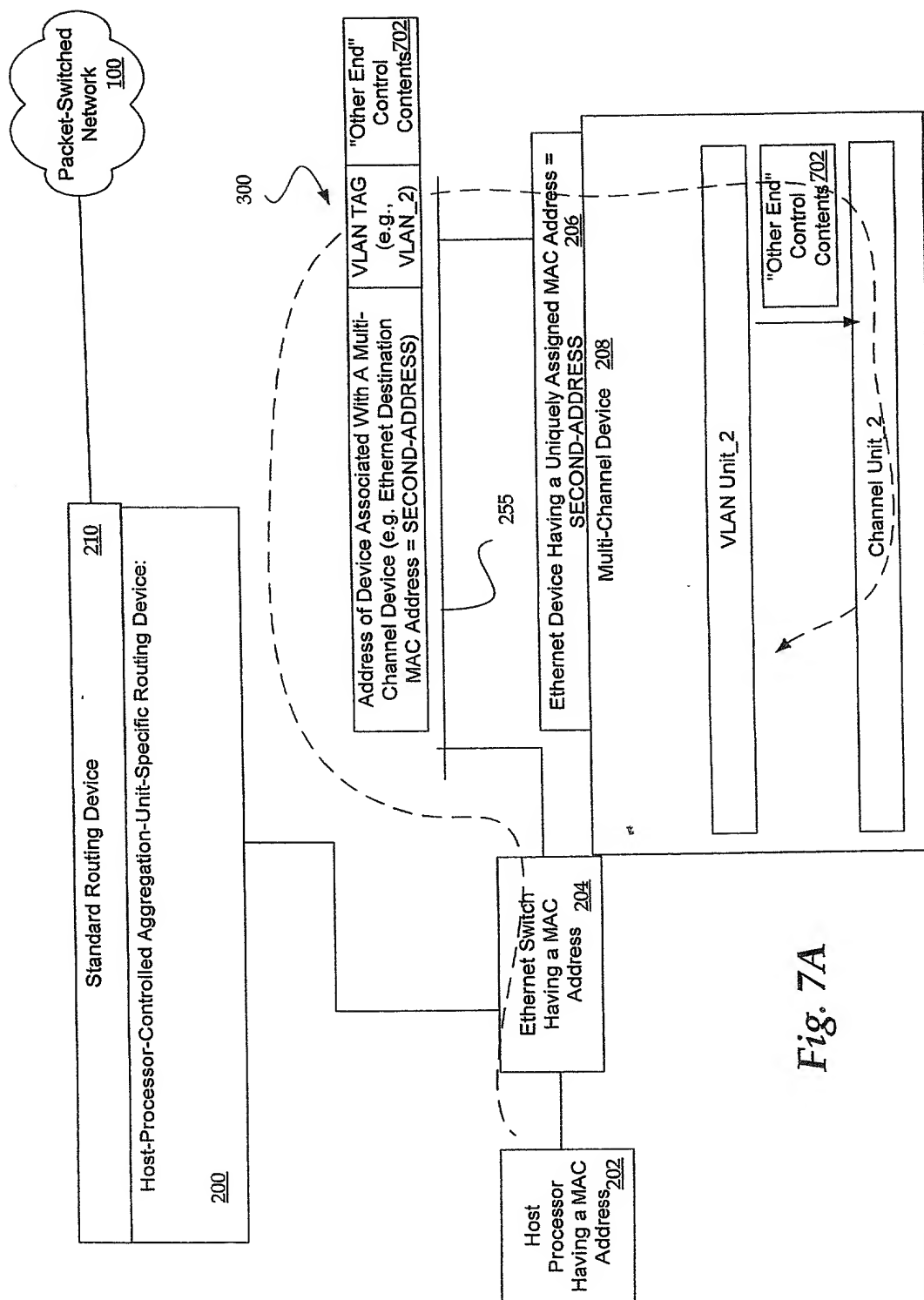


Fig. 6B



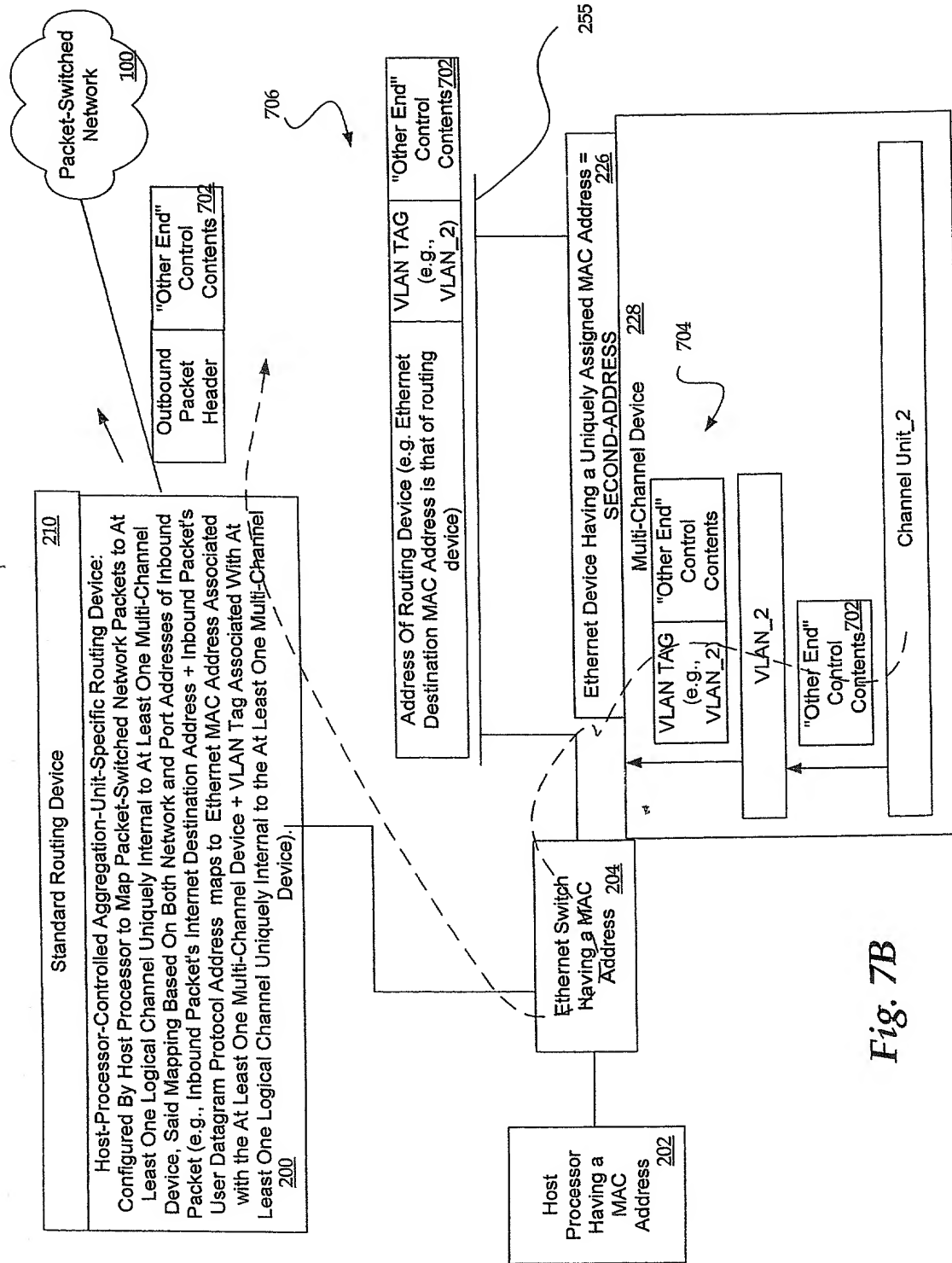
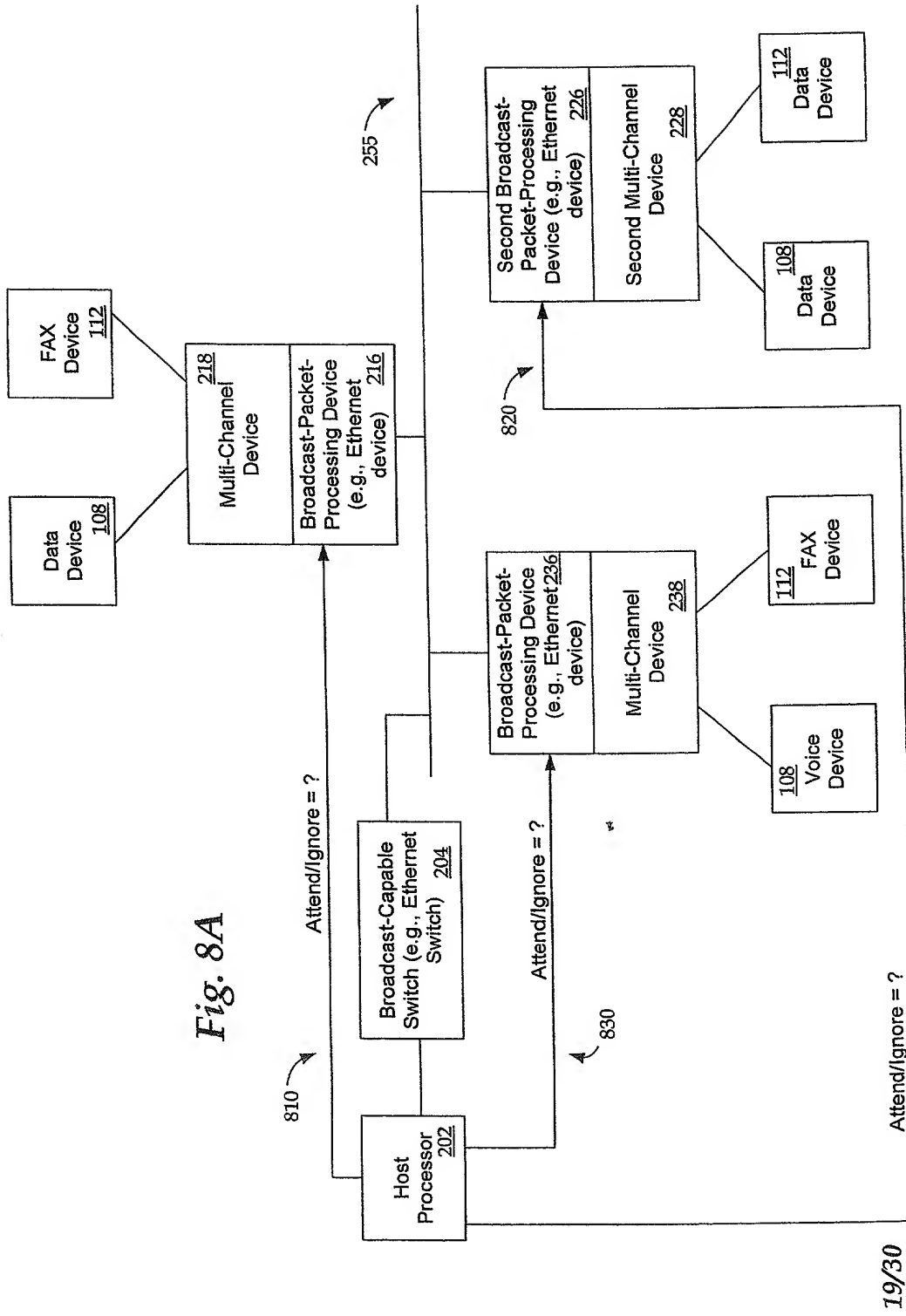


Fig. 7B

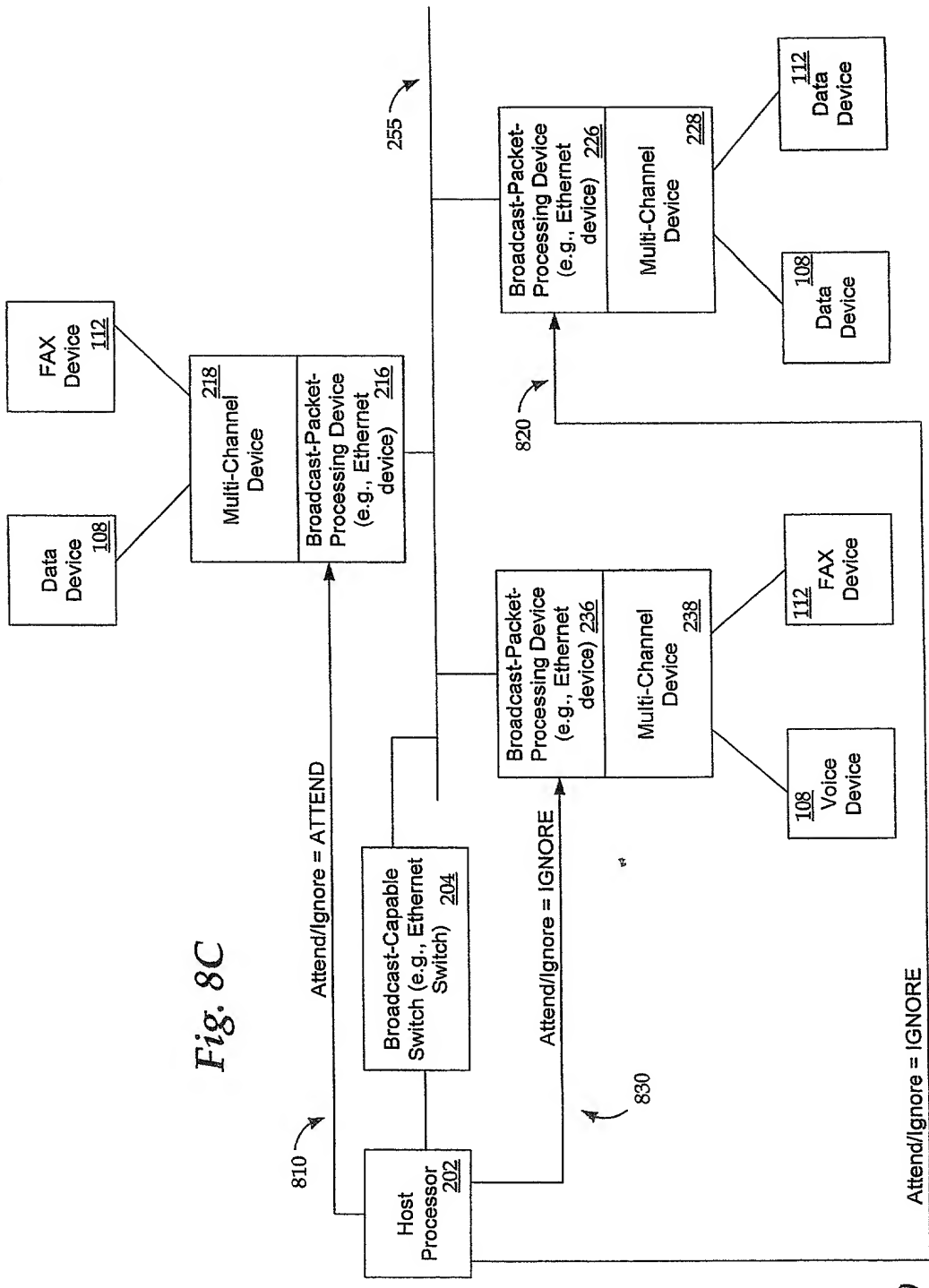
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Fig. 8A



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Fig. 8C



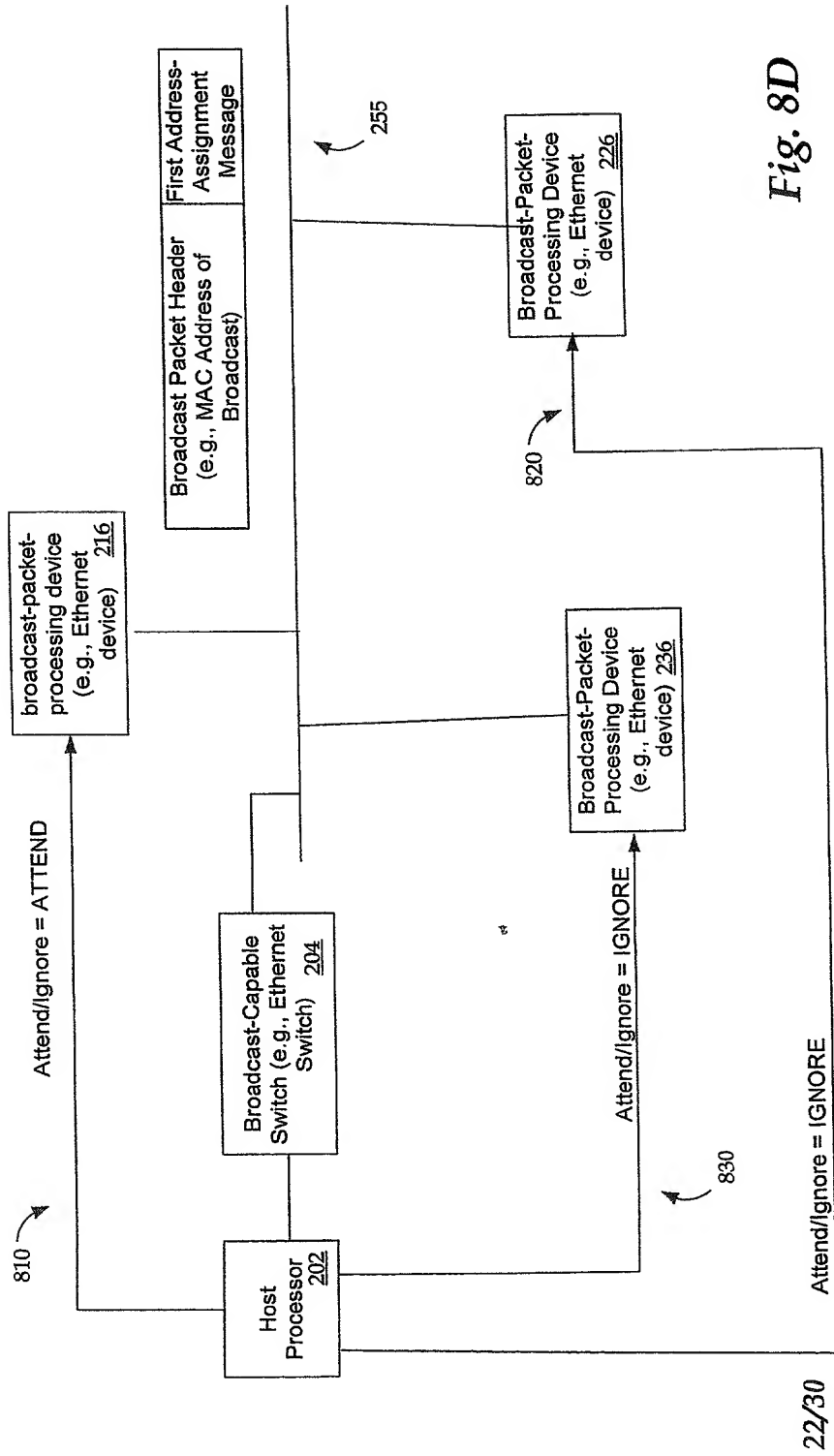
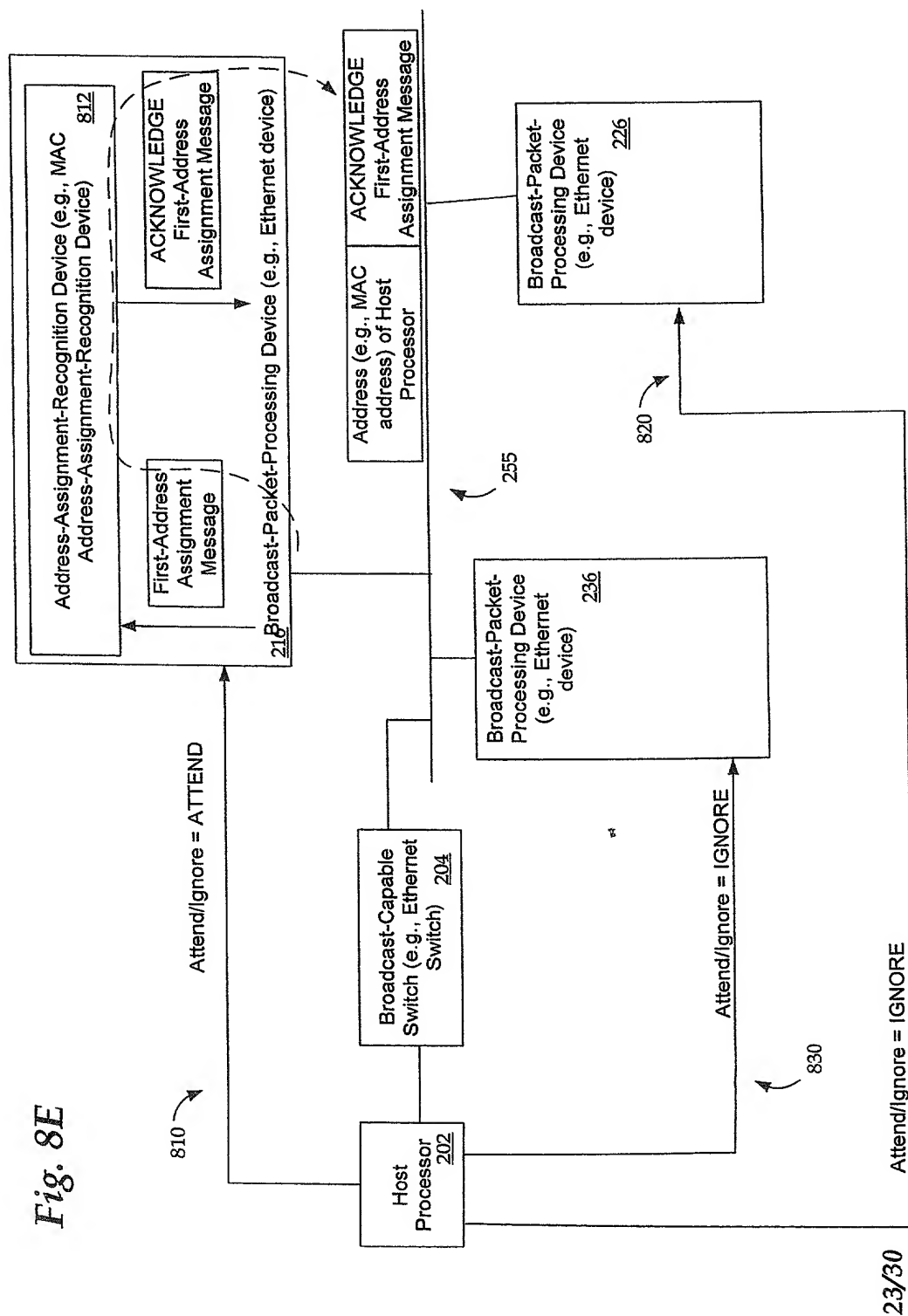


Fig. 8D

Fig. 8E



These and other features of the present invention will be more fully understood by reference to the following detailed description of the preferred embodiment of the invention, taken in conjunction with the accompanying drawings, in which:

Fig. 8G

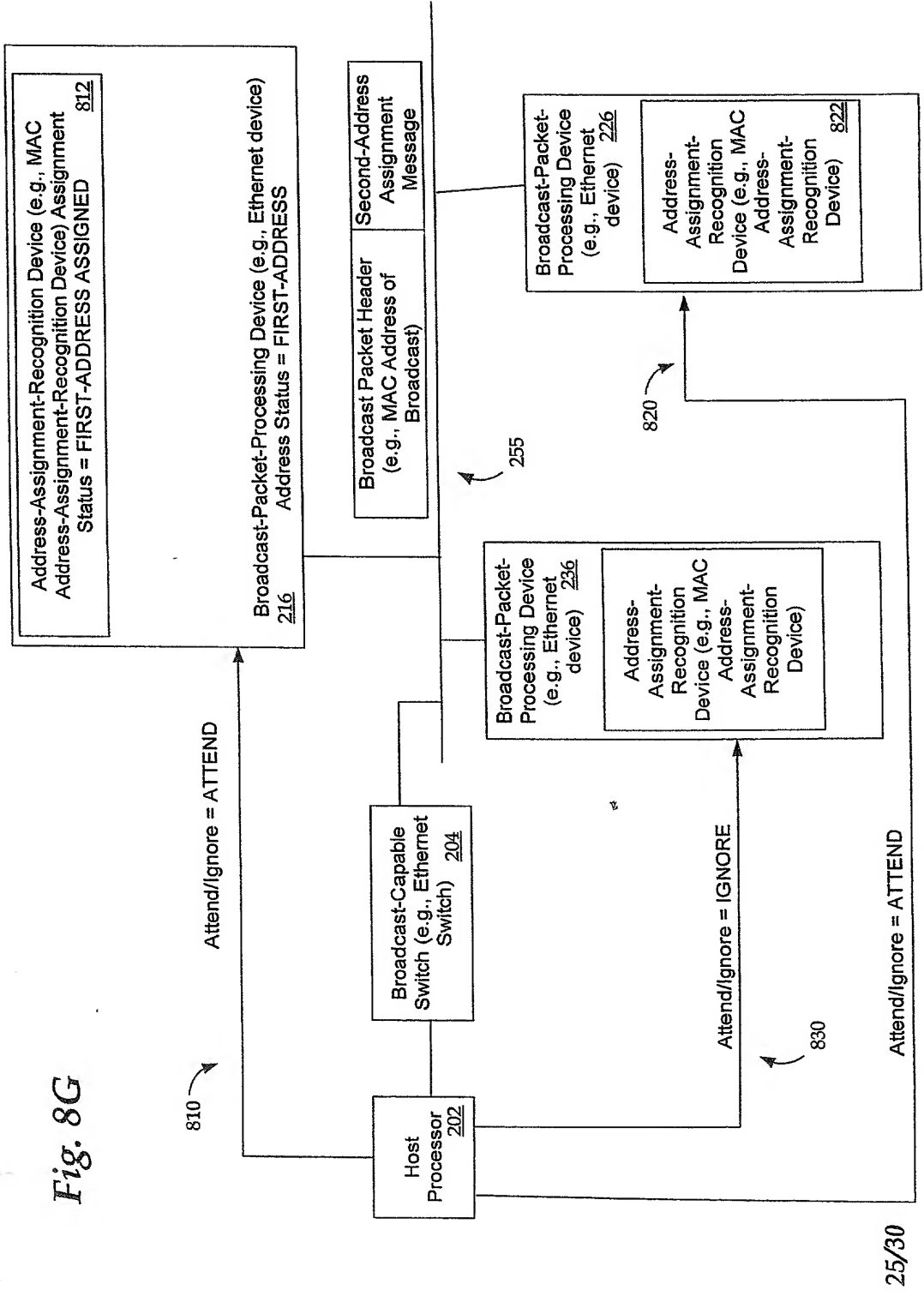


Fig. 81

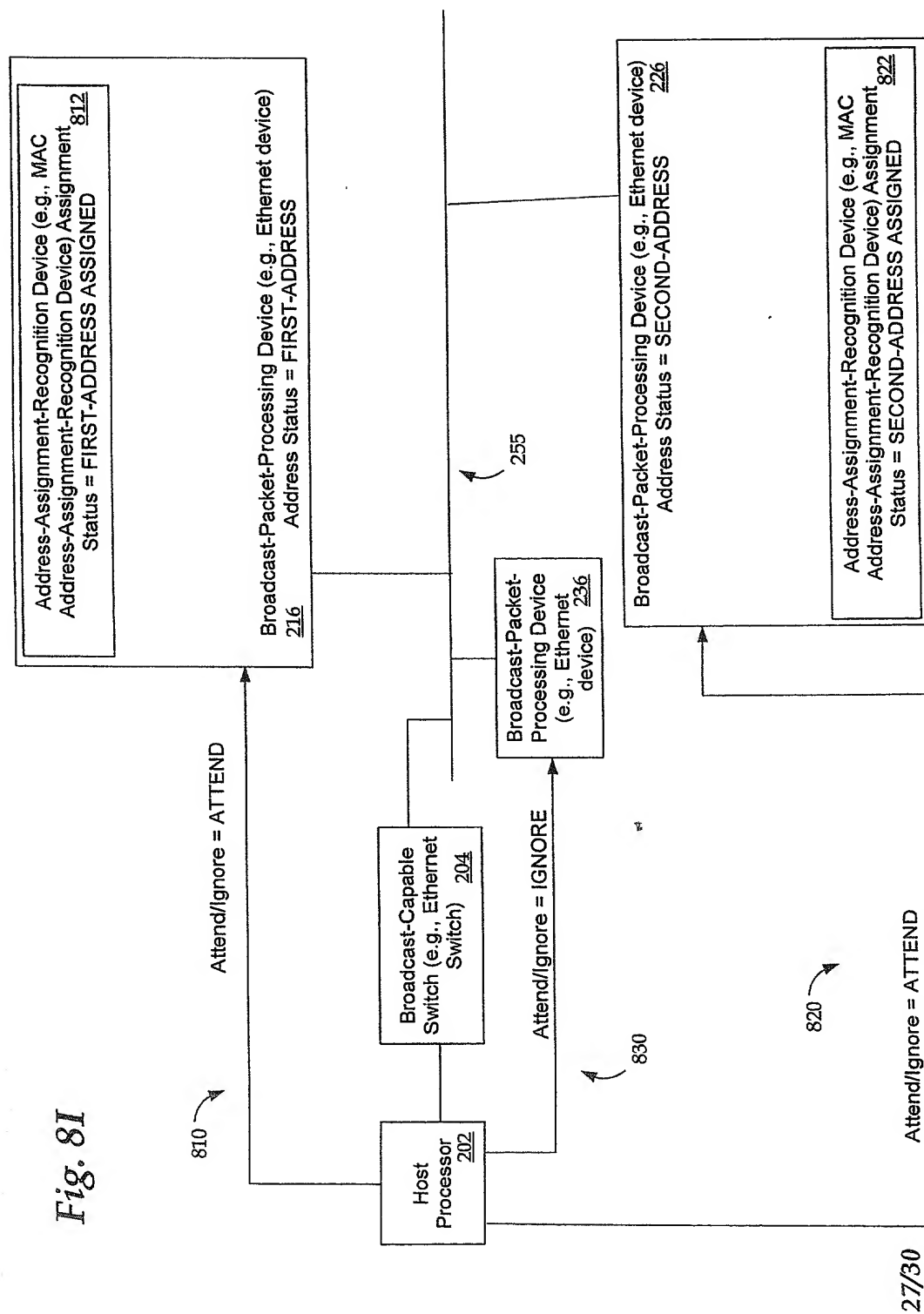


FIG. 8J is a block diagram of a system architecture for a multi-channel device. The system includes a Host Processor 202, a Broadcast-Capable Switch (e.g., Ethernet Switch) 204, a Multi-Channel Device 218, a Broadcast-Packet Processing Device (e.g., Ethernet device) 216, a Second Broadcast-Packet Processing Device (e.g., Ethernet device) 226, a Second Multi-Channel Device 228, a Data Device 108, a FAX Device 112, a Voice Device 108, and a FAX Device 112. The Host Processor 202 is connected to the Broadcast-Capable Switch 204. The Broadcast-Capable Switch 204 is connected to the Multi-Channel Device 218 and the Broadcast-Packet Processing Device 216. The Multi-Channel Device 218 is connected to the Data Device 108 and the FAX Device 112. The Broadcast-Packet Processing Device 216 is connected to the Broadcast-Capable Switch 204 and the Second Broadcast-Packet Processing Device 226. The Second Broadcast-Packet Processing Device 226 is connected to the Second Multi-Channel Device 228. The Second Multi-Channel Device 228 is connected to the Voice Device 108 and the FAX Device 112. The system also includes a Broadcast-Packet Processing Device (e.g., Ethernet device) 236, which is connected to the Broadcast-Capable Switch 204 and the Multi-Channel Device 238. The Multi-Channel Device 238 is connected to the Voice Device 108 and the FAX Device 112. The system also includes a Broadcast-Packet Processing Device (e.g., Ethernet device) 236, which is connected to the Broadcast-Capable Switch 204 and the Multi-Channel Device 238. The Multi-Channel Device 238 is connected to the Voice Device 108 and the FAX Device 112. The system also includes a Broadcast-Packet Processing Device (e.g., Ethernet device) 236, which is connected to the Broadcast-Capable Switch 204 and the Multi-Channel Device 238. The Multi-Channel Device 238 is connected to the Voice Device 108 and the FAX Device 112.

Fig. 8J

